MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

August 1949

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

AUGUST 1949

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	54.3	53.6	54.2	54.0	32.7	24.7	29.3	31.4	26.1	28.9
2	53.1	52.9	53.0	53.0	32.7	24.6	29.3	32.2	26.1	29.2
3	52.9	52.4	53.0	52.8	32.3	23.9	29.2	31.1	26.1	28.8
4	53.0	52.8	53.2	53.0	32.3	22.7	28.2	32.3	25.7	28.7
5	53.0	51.6	53.3	52.6	32.2	23.4	27.9	31.4	25.8	28.4
6	53.6	53.3	51.2	52.7	31.5	23.8	28.9	29.9	25.8	28.2
7	54.8	54.8	55.1	54.9	32.8	23.9	28.7	32.2	26.2	29.0
8	56.0	58.4	56.5	57.0	33.0	24.1	28.7	32.4	26.5	29.2
9	56.3	56.2	56.4	56.3	32.9	23.8	29.3	32.7	26.3	29.4
10	56.2	55.5	56.0	55.9	33.1	23.9	29.7	32.2	26.6	29.5
11	55.2	54.7	54.7	54.9	32.9	24.3	29.1	32.1	26.5	29.2
12	54.8	54.2	55.2	54.7	33.0	22.9	29.4	32.6	26.2	29.4
13	55.2	55.1	55.5	55.3	32.7	23.4	28.8	31.6	26.0	28.8
14	55.7	55.4	55.8	55.6	32.5	23.2	28.8	31.6	25.6	28.7
15	55.5	55.3	55.5	55.4	33.0	23.9	28.8	31.4	25.9	28.7
16	55.0	54.4	54.8	54.7	32.2	24.1	29.0	31.6	26.2	28.9
17	54.2	54.9	54.9	54.7	32.6	23.9	29.2	30.6	26.6	28.8
18	56.3	56.4	57.3	56.7	32.1	24.0	29.4	31.6	26.2	29.1
19	57.7	57.4	57.8	57.6	31.3	23.3	28.5	31.1	26.1	28.6
20	58.1	57.6	57.7	57.8	31.8	23.6	27.2	30.7	24.8	27.6
21	57.7	56.8	57.0	57.2	31.9	22.3	28.9	29.3	24.2	27.5
22	56.7	56.0	56.5	56.4	30.0	23.1	26.7	29.4	24.3	26.8
23	57.2	56.4	57.0	56.9	31.1	23.7	27.0	30.9	25.4	27.8
24	58.5	58.4	58.9	58.6	31.2	24.7	28.8	30.1	24.9	27.9
25	59.2	58.4	58.2	58.6	31.0	21.4	28.1	30.3	25.7	28.0
26	57.6	56.2	56.4	56.7	30.8	21.8	27.7	29.9	24.8	27.5
27	56.4	56.1	56.4	56.3	31.1	22.9	28.3	30.1	24.6	27.7
28	57.6	57.0	57.1	57.2	30.1	22.8	26.8	28.8	25.5	27.0
29	57.6	57.0	57.3	57.3	31.5	22.8	27.7	31.0	24.9	27.9
30	57.5	57.0	57.6	57.4	32.5	22.4	28.4	31.9	25.2	28.5
31	58.1	57.3	57.5	57.6	32.1	23.1	28.0	31.6	24.8	28.1
	55.97	55.59	55.84	55.81	32.03	23.40	28.51	31.16	25.66	28.44

Barometer, range for month 759.2 mm. — 751.2 mm.

,, 71-yr. average for month 756.00 mm.

Thermometer, range for month 33.1°C — 21.4°C

,, 71-yr. average for month 28.57°C.

Rain, total for month 0. 00 mm.

,, 71-yrs. average for month 0.45 mm.

,, Tolal, Sept. 1st. to end of month 1200.15 mm.

,, 71-yr. average, Sept. 1st. to end of month 892.30 mm.

AUGUST 1949

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	26.7	27.6	27.9	27.4	65	61	81	69	12.4	406.0	
2	27.4	29.0	27.9	28.1	66	60	81	69	11.4	644.0	
3	26.7	25.3	25.7	25.9	65	56	77	66	11.5	509.0	
4	24.5	25.9	25.5	25.3	67	53	77	66	11.1	322.0	
5	26.0	27.1	27.2	26.8	69	59	80	69	9.6	103.0	
6	27.1	26.9	26.9	27.0	69	64	82	72	12.1	58.0	
7	27.8	29.0	27.9	28.2	70	59	83	71	11.3	119.0	
8	30.9	29.7	28.9	29.8	77	61	83	74	12.1	267.0	
9	30.4	27.4	27.9	28.6	73	58	83	71	11.7	327.0	
10	29.2	29.0	27.4	28.5	67	61	79	69	11.7	312.0	
11	26.4	28.2	27.4	27.3	67	58	79	68	11.8	463.0	
12	28.1	29.0	27.2	28.1	68	61	80	70	11.5	399.0	
13	24.2	26.3	26.5	25.7	62	56	78	65	12.4	311.0	
14	26.4	27.1	26.2	26.6	67	56	80	68	12.0	299.0	
15	27.1	27.9	26.5	27.2	68	59	78	68	12.1	290.0	
16	26.4	27.9	27.2	27.2	67	59	80	69	11.0	364.0	
17	27.7	28.8	26.0	27.5	68	65	75	69	7.2	190.0	
18	25.2	26.3	23.7	25.1	61	57	71	63	10.6	121.0	
19	21.9	26.1	22.4	23.5	57	57	66	60	10.1	71.0	
20	21.5	23.6	23.9	23.0	59	54	75	63	12.1	53.0	
21	24.9	24.5	22.4	24.0	62	59	73	65	9.2	142.0	
22	23.3	21.7	23.7	22.9	66	53	78	66	11.1	53.0	
23	24.9	23.9	24.1	24.3	68	53	74	65	9.4	76.0	
24	27.1	28.4	25.0	26.8	67	66	83	72	9.2	68.0	
25	25.4	27.2	22.8	25.1	65	62	71	66	11.1	201.0	
26	23.7	24.8	22.6	23.8	64	58	71	64	11.2	320.0	
27	24.7	24.8	23.7	24.4	64	58	77	66	9.6	138.0	
28	23.3	28.6	26.9	26.3	66	72	82	73	8.7	79.0	
29	26.5	27.6	21.9	25.3	71	61	69	67	11.7	55.0	
30	26.8	27.1	23.3	25.7	70	58	76	68	11.6	145.0	
31	23.3	26.3	23.3	24.3	64	56	73	64	11.7	77.0	
	25.98	26.87	25.48	26.11	66.4	59.0	77.2	67.5	10.97	227.81	0.00

Height of Barometer above sea level: 33.7 meters.

,, ,, Thermometers above ground:

Dry and wet 1.55 m ; Max. 1.75 m.; Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of reading minus 2 hours equal G.C.T.

71year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8.30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	3sw	3sw	1sw	light	
2	1cu	3cu	0	1.3	3sw	2sw	1sw	,,	
3	5cu	0	3cu	2.7	3w	2sw	1sw	slight	W., a.m.
4	4cu-ci	5cu-ci	0	3.0	4sw	3sw	1sw	,,	
5	1cu	1cu	0	0.7	1sw	1w	0	light	
6	3cu	0	0	1.0	1sw	1nw	0	calm	
7	2cu	2cu	0	1.3	1w	1w	0	,,	
8	1cu	0	0	0.3	2sw	2sw	0	light	
9	0	1cu	0	0.3	2sw	3sw	0	,,	
10	0	0	3cu	1.0	2sw	1w	1sw	,,	
11	0	2cu-ci	0	0.7	3sw	2sw	1sw	light	
12	0	1cu-ci	2cu	1.0	3sw	2sw	2sw	,,	
13	0	0	0	0.0	2sw	2sw	0	,,	
14	0	1cu-ci	0	0.3	1sw	2w	0	,,	
15	0	1cu	2cu	1.0	2sw	2sw	0	,,	
16	1cu	0	0	0.3	3sw	2sw	2sw	light	
17	5st-cu	9cu-st	8st	7.3	3sw	1sw	0	slight	
18	0	2st	6cu	2.7	2sw	2sw	1sw	light	
19	0	2cust	8st	3.3	1w	2nw	1nw	slight	Good visibility
20	3cu-st	1cu	3cu-st	2.3	1w	2w	0	,,	,, ,,
21	6cu	4cu-st	2st	4.0	3nw	2nw	0	mod.	
22	0	0	0	0.0	1nw	2nw	0	slight	
23	0	0	0	0.0	1nw	1ne	1n	,,	
24	5cu-st	0	6st	3.7	1w	2n	0	,,	
25	5cu-ci	5st-ci	10st	6.7	1w	2w	1w	,,	
26	3cu	1cu	0	1.3	2sw	3sw	1sw	slight	
27	2cu	7cu-st	4cu	4.3	1w	2w	1w	light	
28	1cu	8cu-st	6cu-st	5.0	1w	3n	2n	slight	
29	1cu-ci	1cu	0	0.7	1n	2nw	1n	light	
30	0	1cu	0	0.3	2sw	1w	0	,,	
31	0	0	0	0.0	1w	1nw	0	,,	
				1.82					

Abbreviations :— G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	0	0	0	0	18	9	3	0	31
14:30	2	1	0	0	0	14	8	6	0	31
20:30	3	0	0	0	0	10	2	1	15	31
Total	6	1	0	0	0	42	19	10	15	93

Number of days with rain 2, fog 0, thunderstorms 0, gale 0.

71 yr. av. number of days with rain during month 0.18